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# Sudomy - Subdomain Enumeration & Analysis – Guide 1.0

## Introduction

**Sudomy** is a subdomain enumeration tool, created using a bash script, to analyze domains and collect subdomains in fast and comprehensive way.



## How Sudomy Works

*Sudomy* is using cURL library in order to get the HTTP Response Body from third-party sites to then execute the regular expression to get subdomains. This process fully leverages multi processors, more subdomains will be collected with less time consumption.

The passive technique uses third party resources such as DNSdumpster, WebArchive, Shodan, Total Virus, Certsh, BinaryEdge, SecurityTrails, Certspotter, Censys, Threatminer, Bufferover, Hackertarget, Entrust, ThereatCrowd, and Riddler. To improve the enumeration results sudomy application needs to add an API Key for Shodan, Censys, Total Virus, BinaryEdge, and SecurityTrails in the sudomy.API section. Whereas Active technique uses a combination of the Gobuster application with the wordlist provided by SecLists. SecLists has a collection of approximately three million wordlists.

## Features

For recent time, Sudomy has these 12 features:

- Easy, light, fast and powerful. Bash script is available by default in almost all Linux distributions. By using bash script multiprocessing feature, all processors will be utilized optimally.
- Subdomain enumeration process can be achieved by using **active** method or **passive** method
  - **Active Method**
    - *Sudomy* utilize Gobuster tools because of its highspeed performance in carrying out DNS Subdomain Bruteforce attack (wildcard support). The wordlist that is used comes from combined SecList (Discover/DNS) lists which contains around 3 million entries
  - **Passive Method**
    - By **selecting** the **good** third-party sites, the enumeration process can be **optimized**. More results will be obtained with less time required. *Sudomy* can collect data from these well-curated 18 third-party sites:

```
1  https://dnsdumpster.com
2  https://web.archive.org
3  https://shodan.io
4  https://virustotal.com
5  https://crt.sh
6  https://www.binaryedge.io
7  https://securitytrails.com
8  https://sslmate.com/certspotter
9  https://censys.io
10 https://threatminer.org
11 http://dns.bufferover.run
12 https://hackertarget.com
13 https://www.entrust.com/ct-search/
14 https://www.threatcrowd.org
15 https://riddler.io
16 https://findsubdomains.com
17 https://rapiddns.io/
18 https://https://otx.alienvault.com/
```

- Test the list of collected subdomains and probe for working http or https servers. This feature uses a third-party tool, [httpprobe](#).
- Subdomain availability test based on Ping Sweep and/or by getting HTTP status code.
- The ability to detect virtualhost (several subdomains which resolve to single IP Address). Sudomy will resolve the collected subdomains to IP addresses, then classify them if several subdomains resolve to single IP address. This feature will be very useful for the next penetration testing/bug bounty process. For instance, in port scanning, single IP address won't be scanned repeatedly
- Performed port scanning from collected subdomains/virtualhosts IP Addresses
- Testing Subdomain TakeOver attack
- Taking Screenshotsof subdomains
- Identify technologies on websites
- Data Collecting/Scraping open port from 3rd party (Default::Shodan), For right now just using Shodan [Future::Censys,Zoomeye]. More efficient and effective to collecting port from list ip on target [[ Subdomain > IP Resolver > Crawling > ASN & Open Port ]]
- Collecting & Extract URL Parameter  
Report output in HTML or CSV format

## Publication

- [Sudomy: Information Gathering Tools for Subdomain Enumeration and Analysis](#) - IOP Conference Series: Materials Science and Engineering, Volume 771, 2nd International Conference on Engineering and Applied Sciences (2nd InCEAS) 16 November 2019, Yogyakarta, Indonesia

## Comparison

The following are the results of passive enumeration DNS testing of *Sublist3r*, *Subfinder*, and *Sudomy*. The domain that is used in this comparison is ***bugcrowd.com***.

Testing is done by comparing the sudomy application with other applications such as subfinder and sublist3r with the target domain bugcrowd.com.

bugcrowd.com Comparation			
Tools	Time	Resources (Source)	Results (Subdomain)
subfinder	1m 38.621s	25	25
sublist3r	0m 27.216s	11	23
sudomy	0m 6.946s	16	49

<https://iopscience.iop.org/article/10.1088/1757-899X/771/1/012019/meta>

The sub finder application uses 25 resources, sublist3r uses 11 resources, and sudomy uses 16 resources. The time needed to search for a subdomain from bugcrowd.com, the sub finder application takes 1 minute 38,621s, sublist3r takes 0 minutes 27,216s, and sudomy takes 0 minutes 6,946s. The subdomain results from bugcrowd.com found by the sub finder application are 25 subdomains, sublist3r are 23 subdomains, and sudomy is 49 subdomains. The results of enumeration looking for the bugcrowd.com subdomain using the sub finder, sublist3r, and sudomy applications can be seen in table 3. To further speed up the enumeration process and save CPU, RAM, and bandwidth, you can use third party resources as needed.

## Installation

*Sudomy* is currently extended with the following tools. Instructions on how to install & use the application are linked below.

Tools	License	Info
Gobuster	Apache License 2.0	not mandatory
httprobe	Tom Hudson -	mandatory
nmap	GNU General Public License v2.0	not mandatory

## Download Sudomy From Github

```
1 # Clone this repository
2 git clone --recursive https://github.com/screetsec/Sudomy.git
```

## Install Dependencies

```
$ pip install -r requirements.txt
```

*Sudomy* requires [jq](#) to run and parse. Information on how to download and install jq can be accessed [here](#)

## Linux Installation

```
1 # Linux
2 apt-get update
```

```
3 apt-get install jq nmap phantomjs golang npm
4 npm i -g wappalyzer
```

## Mac Installation

```
1 # Mac
2 brew cask install phantomjs
3 brew install jq nmap go npm
4 npm i -g wappalyzer
```

*If you already have a Go environment, then follow this instruction:*

Add the following lines to ~/.bashrc (Of your user)

```
1 nano ~/.bashrc
2 export GOPATH=$HOME/go
3 export PATH=$PATH:$GOROOT/bin:$GOPATH/bin
4 source ~/.bashrc
```

Then Install the dependencies

```
1 go get -u github.com/tomnomnom/httpprobe
2 go get -u github.com/OJ/gobuster
```

## Post Installation

API Key is needed before querying on third-party sites, such as

Shodan, Censys, SecurityTrails, Virustotal, and BinaryEdge .

- The API key setting can be done in sudomy.api file.

```
1  # Shodan
2  # URL : http://developer.shodan.io
3  # Example :
4  #- SHODAN_API="VGhpc1M0bXBsZWwKVGHmcGxlbAo"
5
6  SHODAN_API=""
7
8  # Censys
9  # URL : https://censys.io/register
10
11 CENSYS_API=""
12 CENSYS_SECRET=""
13
14 # Virustotal
15 # URL : https://www.virustotal.com/gui/
16 VIRUSTOTAL=""
17
18
19 # Binaryedge
20 # URL : https://app.binaryedge.io/login
21 BINARYEDGE=""
22
23
24 # SecurityTrails
25 # URL : https://securitytrails.com/
26 SECURITY_TRAILS=""
```

## Testing Application

```
sudomy -d hackerone.com
```



## Running in Docker

### Docker Container Sudomy v1.1.2

#### Pull an image from DockerHub

```
1 docker pull screetsec/sudomy:v1.1.2
2
```

Run an image, you can run the image on custom directory but you must copy/download config sudomy.api on current directory

```
docker run -v "${PWD}/output:/usr/lib/sudomy/output" -v "${PWD}/sudomy.api:/
```

or define variable when execute

```
docker run -v "${PWD}/output:/usr/lib/sudomy/output" -e "SHODAN_API=xxxx" -e
```

## Detail Features

For recent time, Sudomy has these 12 features:

- Easy, light, fast and powerful. Bash script is available by default in almost all Linux distributions. By using bash script multiprocessing feature, all processors will be utilized optimally.
- Subdomain enumeration process can be achieved by using **active** method or **passive** method
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  - **Passive Method**
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```
1  https://dnsdumpster.com
2  https://web.archive.org
3  https://shodan.io
4  https://virustotal.com
5  https://crt.sh
6  https://www.binaryedge.io
7  https://securitytrails.com
8  https://sslmate.com/certspotter
9  https://censys.io
19 https://threatminer.org
20 http://dns.bufferover.run
21 https://hackertarget.com
22 https://www.entrust.com/ct-search/
23 https://www.threatcrowd.org
24 https://riddler.io
25 https://findsubdomains.com
26 https://rapiddns.io/
27 https://https://otx.alienvault.com/
19
```

- Test the list of collected subdomains and probe for working http or https servers. This feature uses a third-party tool, [httpprobe](#).
- Subdomain availability test based on Ping Sweep and/or by getting HTTP status code. The ability to detect virtualhost (several subdomains which resolve to single IP Address). Sudomy will resolve the collected subdomains to IP addresses, then classify them if several subdomains resolve to single IP address. This feature will be very useful for the next penetration testing/bug bounty process. For instance, in port scanning, single IP address won't be scanned repeatedly
- Performed port scanning from collected subdomains/virtualhosts IP Addresses
- Testing Subdomain TakeOver attack
- Taking Screenshots of subdomains
- Identify technologies on websites
- Data Collecting/Scraping open port from 3rd party (Default::Shodan), For right now just using Shodan [Future::Censys,Zoomeye]. More efficient and effective to collecting port from list ip on target [[ Subdomain > IP Resolver > Crawling > ASN & Open Port ]]
- Collecting & Extract URL Parameter
- Report output in HTML or CSV format

## How to use Engine/Resource

To use all 20 Sources and Probe for working http or https servers:

```
$ sudomy -d bugcrowd
```

```

  SUDOMY
  _____
  v{1.1.5#dev} by @screetsec
  Sudömy - Fast Subdomain Enumeration and Analyzer
  http://github.com/screetsec/sudomy

[!] This tool is for educational purpose only.
Usage of sudomy for attacking targets without prior mutual consent is illegal
developers assume no liability and are not responsible for any misuse or damage cause by this program

[?] Perfoming Sudömy scans

[+] Load target domain: bugcrowd.com
    - starting scanning @ 2020-05-07 19:37:17

[+] Running & Checking source to be used
-----
  o Threatcrowd           [ ✓ ]
  o Riddler                [ ✓ ]
  o AlienVault            [ ✓ ]
  o Certspotter           [ ✓ ]
  o Certsh                [ ✓ ]
  o Threatminer           [ ✓ ]
  o Binaryedge            [ x ]
  o Securitytrails        [ ✓ ]
  o Censys                [ x ]
  o Bufferover             [ ✓ ]
  o Hackertarget          [ ✓ ]
  o RapidDNS              [ ✓ ]
  o Virustotal            [ ✓ ]
  o Dnsdumpster           [ ✓ ]
  o Webarchive            [ ✓ ]
  o Shodan                [ ✓ ]
  o Entrust               [ x ]
  o Findsubdomain         [ ✓ ]
```

If one of the engines give sign [x] , it's mean the engine is inactive. Remember to setup post installation and check the API Key, maybe your API Key limite or missing

To use one or more source:

```
sudomy -d bugcrowd.com -s alienvault,dnsdumpster
```

```

Sudomy - Fast Subdomain Enumeration and Analyzer
http://github.com/screetsec/sudomy

[!] This tool is for educational purpose only.
    Usage of sudomy for attacking targets without prior mutual consent is illegal
    developers assume no liability and are not responsible for any misuse or damage cause by this program

[+] Perfoming Sudomy scans

[*] Load target domain: bugcrowd.com
    - starting scanning @ 2020-05-07 19:42:16

[+] Running & Checking source to be used
-----
  o Dnsdumpster          [ ✓ ]
  o AlienVault           [ ✓ ]

[+] Get & Count subdomain total From source
-----
  o Dnsdumpster: Total Subdomain (14)
  o AlienVault: Total Subdomain (13)

[+] Parsing & Sorting list Domain
-----
  o Total                [14]
    - blog.bugcrowd.com
    - bounce.bugcrowd.com
    - bugcrowd.com
    - collateral.bugcrowd.com
    - docs.bugcrowd.com
    - email.bugcrowd.com
    - events.bugcrowd.com
    - forum.bugcrowd.com

```

## How to use Plugin

To use one or more plugins:

```
sudomy -d hackerone.com -pS -sC -tO
```



```
root@kali:~/Enumeration/Subdomain/version/Sudomy-1.1.5#dev# ./sudomy -d bugcrowd.com -pS -rS -tO
v{1.1.5#dev} by @screetsec
Sudomy - Fast Subdomain Enumeration and Analyzer
http://github.com/screetsec/sudomy

[!] This tool is for educational purpose only.
Usage of sudomy for attacking targets without prior mutual consent is illegal.
developers assume no liability and are not responsible for any misuse or damage cause by this program

[0] Performing Sudomy scans
[*] Load target domain: bugcrowd.com
- starting scanning @ 2020-05-07 20:04:15
```

To use all plugins:

You can **run** all plugins by entering commands

```
sudomy -d bugcrowd.com --all
```

In this case, plugin for Nmap, Gobuster and wappalyzer is not Included. So you can add more arguments for that plugin, example

```
sudomy -d bugcrowd.com -all -eP
```

## Extract & Collecting Path, Parameter & Endpoint

Collecting Juicy URL & Scraping URL Parameter from Passive scan. Default Source Using Web Archive, CommonCrawl, UrlScan.

- Regex using DFA Engine (awk,sed)-
- Support and Collecting URL with multi Parameter to Fuzzing-
- Removing Duplicate Parameter

```
[+] Collecting URL Parameter from Engine
-----
o Total Juicy URL           [12479]
o Total Full Parameter      [982]
o Total Uniq Parameter      [487]
-----
[+] Sudomy has been successfully completed
-----
```

There will be 3 files in output:

```
-rw-r--r-- 1 root root 830651 May  9 14:25 Passive_Collecting_JuicyURL.txt
-rw-r--r-- 1 root root 114902 May  9 14:25 Passive_Collecting_URLParameter_Full.txt
-rw-r--r-- 1 root root  72325 May  9 14:25 Passive_Collecting_URLParameter_Uniq.txt
```

**Passive\_Collecting\_URLParamter\_Full.txt** : This File is original collecting URL Parameter without Parsing ( Original URL & Parameter Value )

```
https://bugcrowd.com/?rel_startups-list.com
https://www.bugcrowd.com/?rel_startups-list.com
https://www.bugcrowd.com/?utm_source=paid_advertising&utm_medium=website&utm_content=podcast&utm_campaign=cyberwire
https://bugcrowd.com/crowdstream?page=2
https://bugcrowd.com/crowdstream?page=3
https://www.bugcrowd.com/privacy?utm_source=https://integrations.complianceboard.io&utm_campaign=integrations&utm_content=bugcrowd&utm_medium=
https://www.bugcrowd.com/privacy?utm_source=https://integrations.complianceboard.io&utm_campaign=integrations&utm_content=bugcrowd&utm_medium=
https://bugcrowd.com/programs?hidden%5B%5D=false&pending_invite%5B%5D=true&sort%5B%5D=promoted-desc
https://bugcrowd.com/programs?sort%5B%5D=promoted-desc&search%5B%5D=walmart
https://bugcrowd.com/socrata?utm_source=the-list&utm_medium=list-link&utm_campaign=socrata
https://www.bugcrowd.com/terms-and-conditions?utm_source=https://integrations.complianceboard.io&utm_campaign=integrations&utm_content=bugcrowd&utm_medium=
https://www.bugcrowd.com/terms-and-conditions?utm_source=https://integrations.complianceboard.io&utm_campaign=integrations&utm_content=bugcrowd&utm_medium=
https://bugcrowd.com/twilio?utm_source=redirect&utm_medium=bounty&utm_term=c018
https://bugcrowd.com/user/sign_up?_hstc=153879591.0e7e5e7d8ada6c3c080dbc2819cc9702.1516752290422.1516752290422.16__hssc=153879591.1.15167522904236__hsfp=1995992257
https://bugcrowd.com/westernunion?utm_source=redirect&utm_medium=bounty&utm_term=c006
https://docs.bugcrowd.com/changelog/?page=2
https://docs.bugcrowd.com/changelog/?page=3
https://docs.bugcrowd.com/changelog/?page=4
https://docs.bugcrowd.com/changelog/?page=5
https://docs.bugcrowd.com/changelog/?page=6
https://events.bugcrowd.com/cyberinnovationinlinedown?calendar=1ca16u_53174a7e636c77d3
https://forum.bugcrowd.com/?_hstc=153879591.0e7e5e7d8ada6c3c080dbc2819cc9702.1516752290422.1516752290422.16__hssc=153879591.1.15167522904236__hsfp=1995992257
https://forum.bugcrowd.com/c/ask-a-hacker/34?page=1
```

**Passive\_Collecting\_URLParamter\_Uniq.txt** : This File is original collecting URL Parameter with Unique URL for Fuzzing

```
https://bugcrowd.com/bugcrowd?utm_source=FUZZ&utm_medium=FUZZ&utm_campaign=FUZZ
https://bugcrowd.com/purevpn?utm_source=FUZZ&utm_medium=FUZZ&utm_campaign=FUZZ
https://bugcrowd.com/?rel=FUZZ
https://bugcrowd.com/?rel=FUZZ
https://bugcrowd.com/resources?utm_campaign=FUZZ&utm_medium=FUZZ&utm_source=FUZZ
https://bugcrowd.com/cisakio?utm_source=FUZZ&utm_medium=FUZZ&utm_campaign=FUZZ
https://bugcrowd.com/sendsafely?utm_source=FUZZ&utm_medium=FUZZ&utm_campaign=FUZZ
https://bugcrowd.com/servicerocket?utm_source=FUZZ&utm_medium=FUZZ&utm_campaign=FUZZ
https://bugcrowd.com/silentcircle?utm_source=FUZZ&utm_medium=FUZZ&utm_campaign=FUZZ
https://bugcrowd.com/socrata?utm_source=FUZZ&utm_medium=FUZZ&utm_campaign=FUZZ
https://bugcrowd.com/sophos?utm_source=FUZZ&utm_medium=FUZZ&utm_campaign=FUZZ
https://bugcrowd.com/splashid?utm_source=FUZZ&utm_medium=FUZZ&utm_campaign=FUZZ
https://bugcrowd.com/sproutsocial?utm_source=FUZZ&utm_medium=FUZZ&utm_campaign=FUZZ
https://bugcrowd.com/sunrise?utm_source=FUZZ&utm_medium=FUZZ&utm_campaign=FUZZ
https://bugcrowd.com/tagged?utm_source=FUZZ&utm_medium=FUZZ&utm_campaign=FUZZ
https://bugcrowd.com/twilio?utm_campaign=FUZZ&utm_medium=FUZZ&utm_campaign=FUZZ
https://bugcrowd.com/twilio?utm_source=FUZZ&utm_medium=FUZZ&utm_campaign=FUZZ
https://bugcrowd.com/twilio?utm_source=FUZZ&utm_medium=FUZZ&utm_campaign=FUZZ
https://bugcrowd.com/user/sign_up?_hstc=FUZZ&utm_medium=FUZZ&utm_campaign=FUZZ
https://bugcrowd.com/volusion?utm_source=FUZZ&utm_medium=FUZZ&utm_campaign=FUZZ
https://bugcrowd.com/vulnerability-rating-taxonomy?search=FUZZ
https://bugcrowd.com/westernunion?utm_source=FUZZ&utm_medium=FUZZ&utm_campaign=FUZZ
```

**Passive\_Collecting\_JuicyURL.txt**: This is a huge list of urls associated with the domain. Here we can get and extract relative paths, endpoint, url and interest strings.



<https://github.com/Screetsec/Sudomy>

```
cat Passive_Collecting_JuicyURL.txt | grep --colour=always -e "\.js"
```

Like filtering the javascript for found a sensitive data from JS Files

```
https://forum.bugcrowd.com/assets/virtual-hyperscript/index.js
https://forum.bugcrowd.com/assets/vnode/vnode.js
https://forum.bugcrowd.com/assets/vnode/vtext.js
https://forum.bugcrowd.com/assets/vtree/diff.js
https://forum.bugcrowd.com/highlight-js/forum.bugcrowd.com/133b1767dbeecf92cad6dfc38d42cde22195db05.js
https://forum.bugcrowd.com/javascripts/inquery.magnific-popup-min.js
https://forum.bugcrowd.com/javascripts/pikaday.js
https://forum.bugcrowd.com/manifest.json
https://forum.bugcrowd.com/service-worker.js
https://forum.bugcrowd.com/vnode/handle-thunk.js
https://forum.bugcrowd.com/vnode/is-vhook.js
https://forum.bugcrowd.com/vnode/is-vnode.js
https://forum.bugcrowd.com/vnode/is-vtext.js
https://forum.bugcrowd.com/vnode/is-widget.js
https://forum.bugcrowd.com/vnode/vnode.js
https://forum.bugcrowd.com/vnode/vpatch.js
https://forum.bugcrowd.com/vnode/vtext.js
https://pages.bugcrowd.com/hs-fs/hub/1549768/hub_generated/style_manager/1444893419764/custom/page/Bugcrowd-Oct2015-theme/Bugcrowd-Oct2015-main.min.js
https://pages.bugcrowd.com/js/forms2/js/forms2.min.js
https://pages.bugcrowd.com/js/LpSocialRenderer.js
https://portal.bugcrowd.com/assets/application-416aaa0cb1ef6df17195a78ec95e434a.js
https://researcherdocs.bugcrowd.com/js/bundle-hub.js?1457745572785
https://researcherdocs.bugcrowd.com/js/bundle-hub.js?1458349958067
http://status.bugcrowd.com/tweets.js
https://ww2.bugcrowd.com/js/forms2/js/forms2.min.js
https://ww2.bugcrowd.com/js/stripmktok.js
```

```
cat Passive_Collecting_JuicyURL.txt | grep --colour=always -e "\.pdf"
```

```
https://bugcrowd.com/sites/55bbaabe2c1cc446360044ef/assets/560af9945918ad9d6702f2dd/WinkCaseStudy.pdf
https://bugcrowd.com/sites/55bbaabe2c1cc446360044ef/assets/560af9e25918ad9d952e6013/Aruba_Private_Bug_Bounty_Story.pdf
https://bugcrowd.com/vulnerability-rating-taxonomy/1.0.pdf
https://bugcrowd.com/vulnerability-rating-taxonomy/1.1.pdf
https://bugcrowd.com/vulnerability-rating-taxonomy/1.2.pdf
https://bugcrowd.com/vulnerability-rating-taxonomy/1.3.pdf
https://bugcrowd.com/vulnerability-rating-taxonomy/1.4.pdf
https://bugcrowd.com/vulnerability-rating-taxonomy/1.5.pdf
https://bugcrowd.com/vulnerability-rating-taxonomy/1.6.pdf
https://bugcrowd.com/vulnerability-rating-taxonomy/1.7.pdf
https://bugcrowd.com/vulnerability-rating-taxonomy/1.8.pdf
https://www.bugcrowd.com/wp-content/plugins/wonderplugin-pdf-embed/pdfjs/web/viewer.html?file=https%3A%2F%2Fwww.bugcrowd.com%2Fwp-content%2Fuploads%2F2018%2F12%2Fbugcrowd_insidet
hemindofahacker_2019.pdf
https://pages.bugcrowd.com/hubfs/2017%20Spring%20Release%20Notes.pdf
https://pages.bugcrowd.com/hubfs/Bugcrowd-2017-State-of-Bug-Bounty-Report.pdf
https://pages.bugcrowd.com/hubfs/PDFs/Bugcrowd-Vulnerability-Rating-Taxonomy.pdf
https://pages.bugcrowd.com/hubfs/PDFs/state-of-bug-bounty-2016.pdf
https://pages.bugcrowd.com/hubfs/PDFs/Twilio-Case-Study.pdf
https://pages.bugcrowd.com/hubfs/Vuln_Data_to_Collect.pdf?1471894251601
http://pages.bugcrowd.com/rs/601-RSA-253/images/GuidetoHackerSummerCamp.pdf
https://pages.bugcrowd.com/rs/601-RSA-253/images/MobileAppResourceKit.pdf
https://pages.bugcrowd.com/rs/601-RSA-253/images/state-of-bug-bounty-08-2015.pdf
https://pages.bugcrowd.com/rs/601-RSA-253/images/state-of-bug-bounty-08-2015.pdf?mkt_tok=3RkMMJWWFF9wsRonvKXN2KXonjHpfsX56eUpUa631MI%2F0ER3FOvrPUfgjI4AS8BjI%2BSLDwEYGJL6SgFTLDEM
bJz27gPKhT3D
https://ww2.bugcrowd.com/rs/453-1JC-858/images/bugcrowd_insidet hemindofahacker_2019.pdf
```

NOTE : As it fetches the parameters from WebArchive, CommonCrawl, URLscan data , so chances of false positives are high.



## Collecting DB Port & ASN from Engine (Passive)

Data Collecting/Scraping open port from 3rd party (Default::Shodan), For right now just using Shodan [Future::Censys,Zoomeye] . So we do not perform active scan, who collect the port ? Third-party sites (Shodan,Zoomeye,Censys) doing that and perform active scan and then, we just collected the port from their result

- More efficient and effective to collecting port from list ip on target [[ Subdomain > IP Resolver > Crawling > ASN & Open Port ]]
- Here we can further narrow the targeting port for checking in port
- scanning List ASN From IP List [running auto on db\_port::ip\_dbasn.txt]

Must running with argument -rS | --resolver

```
./sudomy -d bugcrowd.com -rs --db-port
```

```
[*] Collecting/Scraping open port from Engine
-----
o 104.17.71.206
  - 8080/tcp 80/tcp 443/tcp
o 104.17.72.206
  - 80/tcp 443/tcp
o 104.16.211.56
  - 443/tcp 80/tcp 8080/tcp 2086/tcp 8443/tcp
o 104.20.4.239
  - 2087/tcp 8080/tcp 8880/tcp 443/tcp 8443/tcp 2086/tcp 80/tcp 2083/tcp 2095/tcp 2052/tcp
o 104.20.5.239
  - 2087/tcp 443/tcp 2083/tcp 8080/tcp 80/tcp 2095/tcp 8880/tcp 2086/tcp 8443/tcp 2096/tcp 2082/tcp
o 104.20.60.51
  - 8880/tcp 8080/tcp 443/tcp 80/tcp 2082/tcp 2086/tcp 2083/tcp 2087/tcp 8443/tcp
o 104.20.61.51
  - 2082/tcp 443/tcp 2086/tcp 8080/tcp 2087/tcp 8880/tcp 2083/tcp 80/tcp 8443/tcp
o 192.28.152.174
```

Result file :

```
root@kali:~/Enumeration/Subdomain/version/Sudomy-1.1.5#dev/output/05-07-2020/bugcrowd.com# ls -l ip_*
-rw-r--r-- 1 root root 31 May  7 20:27 ip_dbasn.txt
-rw-r--r-- 1 root root 773 May  7 20:27 ip_dbport.txt
-rw-r--r-- 1 root root 232 May  7 20:27 ip_resolver.txt
root@kali:~/Enumeration/Subdomain/version/Sudomy-1.1.5#dev/output/05-07-2020/bugcrowd.com#
```

Here we also get ASN information from all IPs

```
root@kali:~/Enumeration/Subdomain/version/Sudomy-1.1.5#dev/output/05-07-2020/bugcrowd.com# cat ip_dbasn.txt
AS13335
AS14618
AS15224
AS6939
root@kali:~/Enumeration/Subdomain/version/Sudomy-1.1.5#dev/output/05-07-2020/bugcrowd.com#
```

## Resolving: Subdomains & Domains

The ability to detect virtualhost (several subdomains which resolve to single IP Address), for this plugin using argument -rS

```
Sudomy -d bugcrowd.com -rS | --resolver
```

[\*] Check Resolving: Subdomains & Domains

```
o Resolving domains to: RESOLVE ERROR
o Resolving domains to: 104.20.61.51
o Resolving domains to: 104.20.61.51
o Resolving domains to: 104.20.5.239
o Resolving domains to: 192.28.152.174
o Resolving domains to: 104.20.4.239
o Resolving domains to: 34.194.216.57
o Resolving domains to: 104.20.61.51
o Resolving domains to: RESOLVE ERROR
o Resolving domains to: 104.18.210.56
o Resolving domains to: 104.20.60.51
o Resolving domains to: 104.20.60.51
o Resolving domains to: 104.20.60.51
o Resolving domains to: 104.20.61.51
o Resolving domains to: 104.20.60.51
o Resolving domains to: 104.20.61.51
o Resolving domains to: 54.84.134.174
o Resolving domains to: 66.220.12.139
o Resolving domains to: RESOLVE ERROR
o Resolving domains to: 52.44.177.143
o Resolving domains to: 104.17.74.206
o Resolving domains to: 104.20.60.51
o Resolving domains to: RESOLVE ERROR
o Resolving domains to: 104.20.61.51
o Resolving domains to: RESOLVE ERROR
o Resolving domains to: 104.20.60.51
o Resolving domains to: RESOLVE ERROR
o Resolving domains to: 3.230.87.225
o Resolving domains to: 3.222.95.161
o Resolving domains to: 3.222.95.161
o Resolving domains to: 104.18.210.56
o Resolving domains to: 52.5.214.175
o Resolving domains to: RESOLVE ERROR
o Resolving domains to: RESOLVE ERROR
o Resolving domains to: RESOLVE ERROR
o Resolving domains to: RESOLVE ERROR
o Resolving domains to: 52.6.24.219
o Resolving domains to: 104.20.4.239
o Resolving domains to: 34.198.111.148
o Resolving domains to: RESOLVE ERROR
o Resolving domains to: RESOLVE ERROR
```

Results :

List IP from all subdomains without duplicates:

```
cat ip_resolver.txt
```

```
104.17.74.206
104.18.210.56
104.20.4.239
104.20.5.239
104.20.60.51
104.20.61.51
192.28.152.174
3.222.95.161
3.230.87.225
34.194.216.57
34.198.111.148
52.44.177.143
52.5.214.175
52.6.24.219
54.84.134.174
66.220.12.139
```

Sudomy will resolve the collected subdomains to IP addresses, then classify them if several subdomains resolve to single IP address

```
cat pars_subdomain_resolver.txt
```

```
104.18.210.56
- docs.bugcrowd.com
- researcherdocs.bugcrowd.com
54.84.134.174
- events.bugcrowd.com
104.20.5.239
- blog.bugcrowd.com
- www.bugcrowd.com
52.5.214.175
- stargate.a.bugcrowd.com
52.6.24.219
- tableau.a.bugcrowd.com
3.230.87.225
- production-sandbox.a.bugcrowd.com
104.20.4.239
- bugcrowd.com
- tracker.bugcrowd.com
104.20.61.51
- api.bugcrowd.com
- assetinventory.bugcrowd.com
- concourse.bugcrowd.com
- email.crowdcontrol.bugcrowd.com
- email.submit.bugcrowd.com
- hooks.bugcrowd.com
52.44.177.143
- gemstash-mattress.a.bugcrowd.com
192.28.152.174
- bounce.bugcrowd.com
66.220.12.139
- forum.bugcrowd.com
3.222.95.161
- proxilate.a.bugcrowd.com
- proxilate.bugcrowd.com
34.194.216.57
- collateral.bugcrowd.com
104.17.74.206
- go.bugcrowd.com
- ww2.bugcrowd.com
34.198.111.148
- tracker.production-sandbox.a.bugcrowd.com
104.20.60.51
- email.assetinventory.bugcrowd.com
- email.bugcrowd.com
- email.bugs.bugcrowd.com
- email.forum.bugcrowd.com
- gslink.bugcrowd.com
- pages.bugcrowd.com
```

## Web Screenshots from Domain List

Screenshots a list of website, arguments :

```
Sudomy -d bugcrowd.com -sS | --screenshot
```

```
[+] Web Screenshots: from domain list
-----
[+] 45 URLs to be screenshot
[ERROR][http://email.assetinventory.bugcrowd.com:80] Shell command PID 27074 returned an abnormal error code: '1'
[ERROR][http://email.assetinventory.bugcrowd.com:80] Screenshot somehow failed
[ERROR][http://email.bugcrowd.com:80] Shell command PID 27107 returned an abnormal error code: '1'
[ERROR][http://email.bugcrowd.com:80] Screenshot somehow failed
[ERROR][http://email.bugs.bugcrowd.com:80] Shell command PID 27117 returned an abnormal error code: '1'
[ERROR][http://email.bugs.bugcrowd.com:80] Screenshot somehow failed
[ERROR][https://concourse.bugcrowd.com:443] Shell command PID 27154 returned an abnormal error code: '1'
[ERROR][https://concourse.bugcrowd.com:443] Screenshot somehow failed
[ERROR][http://email.crowdcontrol.bugcrowd.com:80] Shell command PID 27205 returned an abnormal error code: '1'
[ERROR][http://email.crowdcontrol.bugcrowd.com:80] Screenshot somehow failed
[ERROR][http://email.forum.bugcrowd.com:80] Shell command PID 27226 returned an abnormal error code: '1'
[ERROR][http://email.forum.bugcrowd.com:80] Screenshot somehow failed
[ERROR][http://email.submit.bugcrowd.com:80] Shell command PID 27234 returned an abnormal error code: '1'
[ERROR][http://email.submit.bugcrowd.com:80] Screenshot somehow failed
[ERROR][https://api.bugcrowd.com:443] Shell command PID 27224 returned an abnormal error code: '1'
[ERROR][https://api.bugcrowd.com:443] Screenshot somehow failed
[ERROR][https://hooks.bugcrowd.com:443] Shell command PID 27426 returned an abnormal error code: '1'
[ERROR][https://hooks.bugcrowd.com:443] Screenshot somehow failed
[ERROR][http://events.bugcrowd.com:80] Screenshot somehow failed
[ERROR][https://events.bugcrowd.com:443] Screenshot somehow failed
[+] 34 actual URLs screenshot
[+] 11 error(s)
http://email.assetinventory.bugcrowd.com:80
http://email.bugcrowd.com:80
http://email.bugs.bugcrowd.com:80
https://concourse.bugcrowd.com:443
http://email.crowdcontrol.bugcrowd.com:80
https://api.bugcrowd.com:443
http://email.forum.bugcrowd.com:80
http://email.submit.bugcrowd.com:80
http://events.bugcrowd.com:80
https://hooks.bugcrowd.com:443
https://events.bugcrowd.com:443
```

Results :

The output in screenshots folder :

```
http_assetinventory.bugcrowd.com_80.png  http_researcherdocs.bugcrowd.com_80.png  https_email.crowdcontrol.bugcrowd.com_443.png  https_proxilate.bugcrowd.com_443.png
http_bugcrowd.com_80.png                https_assetinventory.bugcrowd.com_443.png  https_email.forum.bugcrowd.com_443.png          https_researcherdocs.bugcrowd.com_443.png
http_collateral.bugcrowd.com_80.png       https_blog.bugcrowd.com_443.png             https_email.submit.bugcrowd.com_443.png          https_tracker.bugcrowd.com_443.png
http_docs.bugcrowd.com_80.png             https_bugcrowd.com_443.png                  https_forum.bugcrowd.com_443.png                https_wu2.bugcrowd.com_443.png
http_forum.bugcrowd.com_80.png            https_collateral.bugcrowd.com_443.png        https_genstash-mattress.a.bugcrowd.com_443.png  https_www.bugcrowd.com_443.png
http_go.bugcrowd.com_80.png               https_docs.bugcrowd.com_443.png              https_go.bugcrowd.com_443.png                   http_wu2.bugcrowd.com_80.png
http_golink.bugcrowd.com_80.png           https_email.assetinventory.bugcrowd.com_443.png  https_golink.bugcrowd.com_443.png               http_www.bugcrowd.com_80.png
http_proxilate.a.bugcrowd.com_80.png      https_email.bugcrowd.com_443.png             https_email.bugcrowd.com_443.png                https_pages.bugcrowd.com_443.png
http_proxilate.bugcrowd.com_80.png        https_email.bugs.bugcrowd.com_443.png         https_proxilate.a.bugcrowd.com_443.png
```

## Getting Status Code from Domain List


Get status codes, response from domain list, argument

```
Sudomy -d bugcrowd.com -ps
```

```
[+] Checks status code on port 80 and 443
-----
o [301] https://blog.bugcrowd.com
o [301] http://docs.bugcrowd.com
o [302] http://bugcrowd.com
o [200] http://email.assetinventory.bugcrowd.com
o [200] http://email.bugcrowd.com
o [200] http://email.bugs.bugcrowd.com
o [302] http://assetinventory.bugcrowd.com
o [000] https://email.assetinventory.bugcrowd.com
o [404] https://concourse.bugcrowd.com
o [000] https://email.bugs.bugcrowd.com
o [200] https://assetinventory.bugcrowd.com
o [200] http://email.crowdcontrol.bugcrowd.com
o [000] https://email.submit.bugcrowd.com
o [404] https://api.bugcrowd.com
o [200] http://email.forum.bugcrowd.com
o [200] http://email.submit.bugcrowd.com
o [301] http://events.bugcrowd.com
o [404] https://collateral.bugcrowd.com
o [301] http://forum.bugcrowd.com
o [200] https://docs.bugcrowd.com
o [301] http://collateral.bugcrowd.com
o [200] https://forum.bugcrowd.com
o [200] http://go.bugcrowd.com
o [200] https://go.bugcrowd.com
o [404] http://gslink.bugcrowd.com
o [301] https://pages.bugcrowd.com
o [000] https://email.crowdcontrol.bugcrowd.com
o [000] https://email.forum.bugcrowd.com
o [302] https://gemstash-mattress.a.bugcrowd.com
o [301] http://researcherdocs.bugcrowd.com
o [400] http://proxilate.a.bugcrowd.com
o [404] https://gslink.bugcrowd.com
o [400] http://proxilate.bugcrowd.com
o [404] https://hooks.bugcrowd.com
o [301] https://bugcrowd.com
o [301] https://events.bugcrowd.com
o [400] https://proxilate.a.bugcrowd.com
o [200] https://researcherdocs.bugcrowd.com
o [000] https://proxilate.bugcrowd.com
o [302] https://tracker.bugcrowd.com
o [301] http://ww2.bugcrowd.com
o [301] http://www.bugcrowd.com
o [302] https://ww2.bugcrowd.com
o [200] https://www.bugcrowd.com
```

Results :

```
cat HTTP_Status_Code.txt
```



```
https://blog.bugcrowd.com 301 Redirection:Moved-Permanently
http://docs.bugcrowd.com 301 Redirection:Moved-Permanently
http://bugcrowd.com 302 Redirection:Found:Residing
http://email.assetinventory.bugcrowd.com 200 Successful:OK
http://email.bugcrowd.com 200 Successful:OK
http://email.bugs.bugcrowd.com 200 Successful:OK
http://assetinventory.bugcrowd.com 302 Redirection:Found:Residing
https://email.assetinventory.bugcrowd.com 000 Not-responding
https://concourse.bugcrowd.com 404 ClientError:NotFound
https://email.bugs.bugcrowd.com 000 Not-responding
https://assetinventory.bugcrowd.com 200 Successful:OK
http://email.crowdcontrol.bugcrowd.com 200 Successful:OK
https://email.submit.bugcrowd.com 000 Not-responding
https://api.bugcrowd.com 404 ClientError:NotFound
http://email.forum.bugcrowd.com 200 Successful:OK
http://email.submit.bugcrowd.com 200 Successful:OK
http://events.bugcrowd.com 301 Redirection:Moved-Permanently
https://collateral.bugcrowd.com 404 ClientError:NotFound
http://forum.bugcrowd.com 301 Redirection:Moved-Permanently
https://docs.bugcrowd.com 200 Successful:OK
http://collateral.bugcrowd.com 301 Redirection:Moved-Permanently
https://forum.bugcrowd.com 200 Successful:OK
http://go.bugcrowd.com 200 Successful:OK
https://go.bugcrowd.com 200 Successful:OK
http://gslink.bugcrowd.com 404 ClientError:NotFound
https://pages.bugcrowd.com 301 Redirection:Moved-Permanently
https://email.crowdcontrol.bugcrowd.com 000 Not-responding
https://email.forum.bugcrowd.com 000 Not-responding
https://gemstash-mattress.a.bugcrowd.com 302 Redirection:Found:Residing
https://researcherdocs.bugcrowd.com 301 Redirection:Moved-Permanently
http://proxilate.a.bugcrowd.com 400 ClientError:Bad-Request
https://gslink.bugcrowd.com 404 ClientError:NotFound
http://proxilate.bugcrowd.com 400 ClientError:Bad-Request
https://hooks.bugcrowd.com 404 ClientError:NotFound
https://bugcrowd.com 301 Redirection:Moved-Permanently
https://events.bugcrowd.com 200 Successful:OK
https://proxilate.a.bugcrowd.com 400 ClientError:Bad-Request
https://researcherdocs.bugcrowd.com 200 Successful:OK
https://proxilate.bugcrowd.com 000 Not-responding
https://tracker.bugcrowd.com 302 Redirection:Found:Residing
http://ww2.bugcrowd.com 301 Redirection:Moved-Permanently
http://www.bugcrowd.com 301 Redirection:Moved-Permanently
https://ww2.bugcrowd.com 302 Redirection:Found:Residing
https://www.bugcrowd.com 200 Successful:OK
```



## Chek Live Host - Ping Sweep

Check live host using methode Ping Sweep, run with arguments

```
Sudomy -d bugcrowd.com -ps
```

```
[*] Check Live Host: Ping Sweep - ICMP PING
-----
o [DEAD] a.bugcrowd.com
o [LIVE] api.bugcrowd.com
o [LIVE] assetinventory.bugcrowd.com
o [LIVE] blog.bugcrowd.com
o [LIVE] bounce.bugcrowd.com
o [LIVE] bugcrowd.com
o [DEAD] collateral.bugcrowd.com
o [LIVE] concourse.bugcrowd.com
o [DEAD] crowdcontrol.bugcrowd.com
o [LIVE] docs.bugcrowd.com
o [DEAD] email.assetinventory.bugcrowd.com
o [LIVE] email.bugcrowd.com
o [LIVE] email.bugs.bugcrowd.com
o [LIVE] email.crowdcontrol.bugcrowd.com
o [LIVE] email.forum.bugcrowd.com
o [DEAD] email.submit.bugcrowd.com
o [DEAD] events.bugcrowd.com
o [LIVE] forum.bugcrowd.com
o [DEAD] forum-new.bugcrowd.com
o [DEAD] gemstash-mattress.a.bugcrowd.com
o [LIVE] go.bugcrowd.com
o [LIVE] gslink.bugcrowd.com
o [DEAD] hello.bugcrowd.com
o [LIVE] hooks.bugcrowd.com
o [DEAD] otter.bugcrowd.com
o [LIVE] pages.bugcrowd.com
o [DEAD] p.bugcrowd.com
o [DEAD] portal.bugcrowd.com
o [DEAD] production-sandbox.a.bugcrowd.com
o [DEAD] proxilate.a.bugcrowd.com
o [DEAD] proxilate.bugcrowd.com
o [LIVE] researcherdocs.bugcrowd.com
o [DEAD] stargate.a.bugcrowd.com
o [DEAD] status.bugcrowd.com
o [DEAD] submissions.bugcrowd.com
o [DEAD] support.bugcrowd.com
o [DEAD] swag.bugcrowd.com
o [DEAD] tableau.a.bugcrowd.com
o [LIVE] tracker.bugcrowd.com
o [DEAD] tracker-production-sandbox.a.bugcrowd.com
o [DEAD] wiki.bugcrowd.com
o [DEAD] wordpress.bugcrowd.com
o [LIVE] ww2.bugcrowd.com
o [LIVE] www.bugcrowd.com
```

Results :

```
a.bugcrowd.com DEAD
api.bugcrowd.com LIVE
assetinventory.bugcrowd.com LIVE
blog.bugcrowd.com LIVE
bounce.bugcrowd.com LIVE
bugcrowd.com LIVE
collateral.bugcrowd.com DEAD
concourse.bugcrowd.com LIVE
crowdcontrol.bugcrowd.com DEAD
docs.bugcrowd.com LIVE
email.assetinventory.bugcrowd.com DEAD
email.bugcrowd.com LIVE
email.bugs.bugcrowd.com LIVE
email.crowdcontrol.bugcrowd.com LIVE
email.forum.bugcrowd.com LIVE
email.submit.bugcrowd.com DEAD
events.bugcrowd.com DEAD
forum.bugcrowd.com LIVE
forum-new.bugcrowd.com DEAD
gemstash-mattress.a.bugcrowd.com DEAD
go.bugcrowd.com LIVE
gslink.bugcrowd.com LIVE
hello.bugcrowd.com DEAD
hooks.bugcrowd.com LIVE
otter.bugcrowd.com DEAD
pages.bugcrowd.com LIVE
p.bugcrowd.com DEAD
portal.bugcrowd.com DEAD
production-sandbox.a.bugcrowd.com DEAD
proxilate.a.bugcrowd.com DEAD
proxilate.bugcrowd.com DEAD
researcherdocs.bugcrowd.com LIVE
stargate.a.bugcrowd.com DEAD
status.bugcrowd.com DEAD
submissions.bugcrowd.com DEAD
support.bugcrowd.com DEAD
swag.bugcrowd.com DEAD
tableau.a.bugcrowd.com DEAD
tracker.bugcrowd.com LIVE
tracker-production-sandbox.a.bugcrowd.com DEAD
wiki.bugcrowd.com DEAD
wordpress.bugcrowd.com DEAD
ww2.bugcrowd.com LIVE
www.bugcrowd.com LIVE
www.pages.bugcrowd.com DEAD
www.portal.bugcrowd.com DEAD
www.submissions.bugcrowd.com DEAD
```

## Recognises Web Technologies

Identify technologies on websites from domain list, like detects content management systems (CMS), blogging platforms, statistic/analytics packages, JavaScript libraries, web servers, and many more

```
1 ./sudomy -d bugcrowd.com -aI / --apps-identifier
2
```

```
https://forum.bugcrowd.com
- Discourse 2.5.0
- Ember.js 3.12.2
- Google Font API
- Handlebars 4.7.6
- Moment.js 2.24.0
- Nginx
- jQuery 3.4.1
- jQuery UI 1.12.1
- Ruby on Rails
- Ruby

https://api.bugcrowd.com
- CloudFlare

http://www.bugcrowd.com
- CloudFlare
- Google Font API
- Google Tag Manager
- New Relic
- Pantheon
- Segment
- Varnish
- WordPress 5.3.1
- jQuery 3.4.1
- jQuery Migrate 3.1.0
- PHP
- Nginx
- MariaDB
- MySQL

http://go.bugcrowd.com
- CloudFlare

https://go.bugcrowd.com
- CloudFlare

https://hooks.bugcrowd.com
- CloudFlare
```

Results in CSV Formats :

```
root@kali:~/enumeration/subdomains/version/Sudomy-1.1.58dev/output/85-07-2020/bugcrowd.com# cat wappalyzer.txt
http://docs.bugcrowd.com;Algolia 3.35.1, AngularJS 1.3.20, Chart.js, CloudFlare, CodeMirror 5.48.2, Google Analytics, Intercom, Lodash 2.4.2, Marked, Segment, jQuery 2.1.4, jQuery-pjax, jQuery UI 1.12.1
https://docs.bugcrowd.com;Algolia 3.35.1, AngularJS 1.3.20, Chart.js, CloudFlare, CodeMirror 5.48.2, Google Analytics, Intercom, Lodash 2.4.2, Marked, Segment, jQuery 2.1.4, jQuery-pjax, jQuery UI 2.1
http://email.bugcrowd.com;CloudFlare
http://assetinventory.bugcrowd.com;Babel, CloudFlare, Google Analytics, Google Tag Manager, Moment.js 2.18.1, jQuery 3.3.1
https://email.bugcrowd.com;CloudFlare
http://forum.bugcrowd.com;Discourse 2.5.0, Google Analytics, Google Font API, Nginx, Ruby on Rails, Ruby
http://events.bugcrowd.com;Nginx
http://researcherdocs.bugcrowd.com;Algolia 3.35.1, AngularJS 1.3.20, Chart.js, CloudFlare, CodeMirror 5.48.2, Google Analytics, Lodash 2.4.2, Marked, jQuery 2.1.4, jQuery-pjax, jQuery UI 1.12.1
https://researcherdocs.bugcrowd.com;Algolia 3.35.1, AngularJS 1.3.20, Chart.js, CloudFlare, CodeMirror 5.48.2, Google Analytics, Lodash 2.4.2, Marked, jQuery 2.1.4, jQuery-pjax, jQuery UI 1.12.1
https://pages.bugcrowd.com;CloudFlare, Google Font API, Google Tag Manager, New Relic, Pantheon, Segment, Varnish, WordPress 5.3.1, jQuery 3.4.1, PHP, Nginx, MariaDB, MySQL
http://collateral.bugcrowd.com;Nginx
https://assetinventory.bugcrowd.com;Babel, CloudFlare, Google Analytics, Google Tag Manager, Moment.js 2.18.1, jQuery 3.3.1
https://forum.bugcrowd.com;Discourse 2.5.0, Ember.js 3.12.2, Google Font API, Handlebars 4.7.6, Moment.js 2.24.0, Nginx, jQuery 3.4.1, jQuery UI 1.12.1, Ruby on Rails, Ruby
https://api.bugcrowd.com;CloudFlare
http://www.bugcrowd.com;CloudFlare, Google Font API, Google Tag Manager, New Relic, Pantheon, Segment, Varnish, WordPress 5.3.1, jQuery 3.4.1, jQuery Migrate 3.1.0, PHP, Nginx, MariaDB, MySQL
http://go.bugcrowd.com;CloudFlare
https://go.bugcrowd.com;CloudFlare
https://hooks.bugcrowd.com;CloudFlare
http://w2.bugcrowd.com;CloudFlare, Varnish
https://w2.bugcrowd.com;CloudFlare, Varnish
https://tracker.bugcrowd.com;CloudFlare, Google Analytics, React, Ruby on Rails, jQuery 3.5.0, Ruby
https://collateral.bugcrowd.com;Nginx
https://events.bugcrowd.com;Nginx
https://www.bugcrowd.com;CloudFlare, Google Font API, Google Tag Manager, New Relic, Pantheon, Segment, Varnish, WordPress 5.3.1, jQuery 3.4.1, jQuery Migrate 3.1.0, PHP, Nginx, MariaDB, MySQL
```



## Detecting Live HTTP/HTTPS

Resolve the domains and check the protocol http/https how many domains are actually alive. This feature uses a third-party tool, [httprobe](#). By default sudomy check subdomain for working on http/https

```

Total [47]
[+] Probe subdomain for working on http/https
-----
- https://email.assetinventory.bugcrowd.com
- http://bugcrowd.com
- https://blog.bugcrowd.com
- http://docs.bugcrowd.com
- https://email.bugs.bugcrowd.com
- http://assetinventory.bugcrowd.com
- http://email.assetinventory.bugcrowd.com
- https://email.crowdcontrol.bugcrowd.com
- https://email.forum.bugcrowd.com
- https://assetinventory.bugcrowd.com
- https://email.submit.bugcrowd.com
- http://collateral.bugcrowd.com
- http://email.bugcrowd.com
- http://email.bugs.bugcrowd.com
- https://email.bugcrowd.com
- http://email.crowdcontrol.bugcrowd.com
- http://email.forum.bugcrowd.com
- http://email.submit.bugcrowd.com
- https://concourse.bugcrowd.com
- https://api.bugcrowd.com
- http://events.bugcrowd.com
- http://forum.bugcrowd.com
- https://collateral.bugcrowd.com
- https://docs.bugcrowd.com
- https://pages.bugcrowd.com
- http://gslink.bugcrowd.com
- https://forum.bugcrowd.com
- https://go.bugcrowd.com
- http://go.bugcrowd.com
- http://researcherdocs.bugcrowd.com
- https://gslink.bugcrowd.com
- https://researcherdocs.bugcrowd.com
- https://gemstash-mattress.a.bugcrowd.com
- https://hooks.bugcrowd.com
- https://events.bugcrowd.com
- http://proxilate.bugcrowd.com
- https://proxilate.a.bugcrowd.com
- https://proxilate.bugcrowd.com
- https://bugcrowd.com
- http://proxilate.a.bugcrowd.com
- http://ww2.bugcrowd.com
- https://tracker.bugcrowd.com
- http://www.bugcrowd.com
- https://ww2.bugcrowd.com
```

Or do you want to not perform httprobe, use argument `--no-probe`

```
sudomy -d bugcrowd.com --no-probe
```

Results

```
root@kali:~/Enumeration/Subdomain/version/Sudomy-1.1.5#dev/output/05-07-2020/bugcrowd.com# cat httpprobe_subdomain.txt
http://bugcrowd.com
https://blog.bugcrowd.com
https://email.assetinventory.bugcrowd.com
http://docs.bugcrowd.com
https://docs.bugcrowd.com
https://email.bugs.bugcrowd.com
http://assetinventory.bugcrowd.com
https://email.crowdcontrol.bugcrowd.com
http://email.assetinventory.bugcrowd.com
https://email.forum.bugcrowd.com
http://email.bugcrowd.com
https://email.bugcrowd.com
http://email.bugs.bugcrowd.com
https://email.submit.bugcrowd.com
http://email.crowdcontrol.bugcrowd.com
https://assetinventory.bugcrowd.com
http://email.forum.bugcrowd.com
http://collateral.bugcrowd.com
http://email.submit.bugcrowd.com
https://api.bugcrowd.com
http://forum.bugcrowd.com
https://concourse.bugcrowd.com
http://events.bugcrowd.com
https://pages.bugcrowd.com
https://forum.bugcrowd.com
http://gslink.bugcrowd.com
https://collateral.bugcrowd.com
http://go.bugcrowd.com
https://go.bugcrowd.com
http://researcherdocs.bugcrowd.com
https://gslink.bugcrowd.com
https://gemstash-mattress.a.bugcrowd.com
https://events.bugcrowd.com
https://hooks.bugcrowd.com
http://proxilate.a.bugcrowd.com
http://proxilate.bugcrowd.com
https://proxilate.a.bugcrowd.com
https://proxilate.bugcrowd.com
https://bugcrowd.com
https://researcherdocs.bugcrowd.com
http://ww2.bugcrowd.com
https://tracker.bugcrowd.com
http://www.bugcrowd.com
https://ww2.bugcrowd.com
https://www.bugcrowd.com
```

# Subdomain Takeover Check

Subdomain TakeOver Vulnerability Scanner, its not default so you must run the plugin with the command:

```
sudomy -d bugcrowd.com -tO
```

```
[+] Subdomain TakeOver - Check Possible Vulns
-----
o [FAILS] En: Unknown https://blog.bugcrowd.com
o [FAILS] En: Unknown http://docs.bugcrowd.com
o [FAILS] En: Unknown http://bugcrowd.com
o [FAILS] En: Unknown http://email.assetinventory.bugcrowd.com
o [FAILS] En: Unknown http://email.bugcrowd.com
o [FAILS] En: Unknown http://email.bugs.bugcrowd.com
o [FAILS] En: Unknown http://assetinventory.bugcrowd.com
o [FAILS] En: Unknown https://email.assetinventory.bugcrowd.com
o [FAILS] En: Unknown https://concourse.bugcrowd.com
o [FAILS] En: Unknown https://email.bugs.bugcrowd.com
o [FAILS] En: Unknown https://assetinventory.bugcrowd.com
o [FAILS] En: Unknown https://email.bugcrowd.com
o [FAILS] En: Unknown http://email.crowdcontrol.bugcrowd.com
```

Results :

```
cat TakeOver.txt
```

```
https://blog.bugcrowd.com      Unknown Not.Vuln
http://docs.bugcrowd.com      Unknown Not.Vuln
http://bugcrowd.com            Unknown Not.Vuln
http://email.assetinventory.bugcrowd.com Unknown Not.Vuln
http://email.bugcrowd.com      Unknown Not.Vuln
http://email.bugs.bugcrowd.com Unknown Not.Vuln
http://assetinventory.bugcrowd.com Unknown Not.Vuln
https://email.assetinventory.bugcrowd.com Unknown Not.Vuln
https://concourse.bugcrowd.com Unknown Not.Vuln
https://email.bugs.bugcrowd.com Unknown Not.Vuln
https://assetinventory.bugcrowd.com Unknown Not.Vuln
https://email.bugcrowd.com      Unknown Not.Vuln
http://email.crowdcontrol.bugcrowd.com Unknown Not.Vuln
https://email.submit.bugcrowd.com Unknown Not.Vuln
https://api.bugcrowd.com        Unknown Not.Vuln
http://email.forum.bugcrowd.com Unknown Not.Vuln
https://email.submit.bugcrowd.com Unknown Not.Vuln
http://events.bugcrowd.com      Unknown Not.Vuln
https://collateral.bugcrowd.com Unknown Not.Vuln
http://forum.bugcrowd.com        Unknown Not.Vuln
https://docs.bugcrowd.com        Unknown Not.Vuln
http://collateral.bugcrowd.com    Unknown Not.Vuln
https://forum.bugcrowd.com        Unknown Not.Vuln
http://go.bugcrowd.com           Unknown Not.Vuln
https://go.bugcrowd.com           Unknown Not.Vuln
https://gslink.bugcrowd.com       Unknown Not.Vuln
https://pages.bugcrowd.com        Unknown Not.Vuln
https://email.crowdcontrol.bugcrowd.com Unknown Not.Vuln
https://email.forum.bugcrowd.com    Unknown Not.Vuln
https://gemstash-mattress.a.bugcrowd.com Unknown Not.Vuln
http://researcherdocs.bugcrowd.com Unknown Not.Vuln
http://proxilate.a.bugcrowd.com     Unknown Not.Vuln
https://gslink.bugcrowd.com       Unknown Not.Vuln
http://proxilate.bugcrowd.com      Unknown Not.Vuln
https://hooks.bugcrowd.com         Unknown Not.Vuln
https://bugcrowd.com              Unknown Not.Vuln
https://events.bugcrowd.com        Unknown Not.Vuln
https://proxilate.a.bugcrowd.com    Unknown Not.Vuln
https://researcherdocs.bugcrowd.com Unknown Not.Vuln
https://proxilate.bugcrowd.com      Unknown Not.Vuln
https://tracker.bugcrowd.com        Unknown Not.Vuln
http://w2.bugcrowd.com            Unknown Not.Vuln
http://www.bugcrowd.com           Unknown Not.Vuln
https://w2.bugcrowd.com            Unknown Not.Vuln
https://www.bugcrowd.com           Unknown Not.Vuln
```

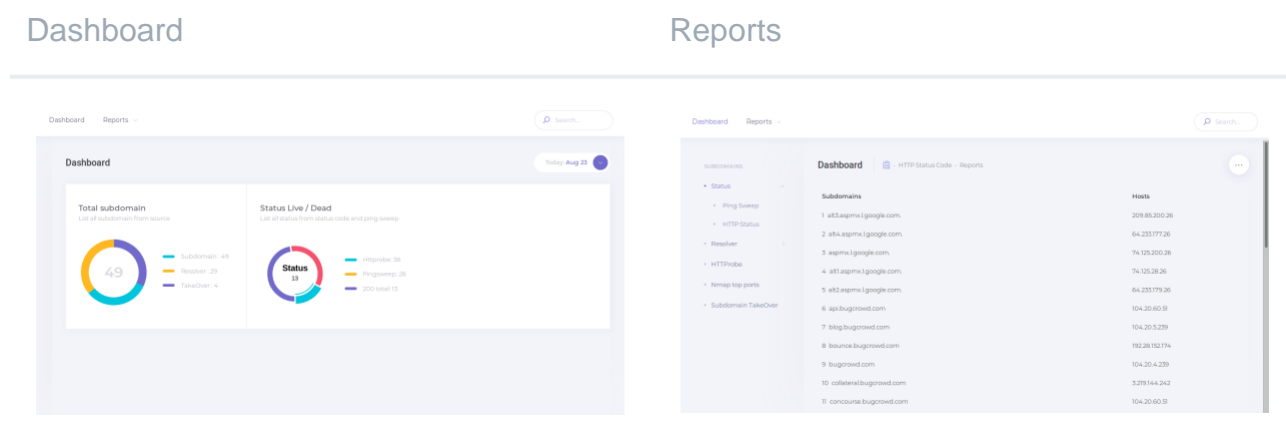
## Generate Report & Output

The sudomy application has been equipped with a reporting system with HTML and CSV output format that makes it easy for Cyber Security researchers and / or analyst

To create report in HTML Format

```
$ sudomy --all -d hackerone.com --html
```

### HTML Report Sample:



### Default Location

If the program has finished running, the output and report will be in the

**output/reports folder**

```
[+] Generate Reports: Make report into HTML
-----
o Make template for reports
  - output/05-07-2020/bugcrowd.com/reports

o Successful Created ..

[+] Sudomy has been successfully completed
-----

o Location output:
  - output/05-07-2020/bugcrowd.com
  - output/05-07-2020/bugcrowd.com/report
  - output/05-07-2020/bugcrowd.com/screenshots
```

You can define path for outputfile (specify an output file when completed) with the argument

```
$ sudomy --all -d hackerone.com --outfile /root
```

```
[+] Sudomy has been sucessfully completed
```

🕒 Location output:

- /root/Sudomy-Output/bugcrowd.com
- /root/Sudomy-Output/bugcrowd.com/report
- /root/Sudomy-Output/bugcrowd.com/screenshots

## Output Folder Structure

